

#### ABSTRACT OF THE DISCLOSURE

An igniter transformer includes a secondary coil and a primary coil which are closely coupled. A plurality of round single-core wires disposed substantially parallel to one another in a common plane are bonded side by side to form a flat multicore wire that is substantially rectangular in cross-section. The secondary coil includes the flat multicore wire which is edgewise wound such that the larger surfaces of the flat multicore wire face each other in the turns while standing upright. The primary coil includes a wide thin metal sheet wound substantially perpendicularly to an axis of the secondary coil.